

International Collaboration on Advanced Neutron Sources (ICANS XXIII)

Monday, 14 October 2019

Instruments: Novel Spectrometers - Meeting Room 3 (10:45 - 13:00)

-Conveners: Georg Ehlers

time	[id] title	presenter
10:45	[175] CAMEA — A novel multiplexing analyzer for neutron spectroscopy	Dr NIEDERMAYER, Christof
11:35	[13] CHESS: A look into the next generation of neutron instruments	SALA, Gabriele
12:00	[18] A direct-geometry spectrometer at the China Spallation Neutron Source	Dr TONG, Xin
12:30	[150] Spectrometers Breakout Discussion	EHLERS, Georg

Instruments: Novel Instrumentation II - Meeting Room 3 (14:00 - 16:30)

-Conveners: Christian Rüegg

time	[id] title	presenter
14:00	[135] HRPD-X; a proposed upgrade to the ISIS High-Resolution Powder Diffractometer	Dr FORTES, Dominic
14:30	[2] Breaking the mould: monochromatic diffraction at a pulsed spallation neutron source	HENRY, Paul
14:55	[140] DEMAND (HB-3A), a Dimensional Extreme Magnetic Neutron Diffractometer at the High Flux Isotope Reactor	Dr CAO, Huibo
15:20	[87] Characterization of shielding materials for neutron scattering instrumentation	STONE, Matthew
15:45	[70] Technique Development Beamlines at the High Flux Isotope Reactor	CROW, Lowell
16:10	[185] Novel Instrumentation Discussion	Prof. RÜEGG, Christian

Tuesday, 15 October 2019

Instruments: Detectors - Meeting Room 3 (10:30 - 13:00)

-Conveners: Paul Henry

time	[id] title	presenter
10:30	[179] Multi-Grid Boron-10 detector: from proof-of-principle to applications in time-of-flight spectrometers	Dr KHAPLANOV, Anton
11:00	[124] Towards a High-Throughput High-Resolution Neutron Pinpointing CMOS Camera System for Imaging	Dr HODGES, Jason
11:25	[114] Current Status of Scintillation Detector Development at ISIS	Dr SYKORA, G. Jeff
11:50	[133] Recent Improvements in Straw Neutron Detectors for Large Scale Neutron Science Instruments	Dr LACY, Jeffrey
12:15	[62] Combining Simulation and Measurement to Understand Complex Detector Geometries	JACKSON, Andrew
12:40	[188] Detectors Discussion	HENRY, Paul

Instruments: Polarization - Meeting Room 3 (14:00 - 16:30)

-Conveners: Ken Andersen

time	[id] title	presenter
14:00	[180] Wide-angle polarization analysis using ^3He spin filters on the LET spectrometer at ISIS	Dr NILSEN, Gøran J.
14:30	[38] Developing position sensitive polarization analysis method for time-of-flight neutron	WANG, Tianhao
14:55	[67] Design and performance of a superconducting neutron resonance spin flipper	DADISMAN, Ryan
15:20	[120] Polarization Developments at the Direct Geometry Spectrometer HYSPEC	WINN, Barry
15:45	[56] MR: the polarized neutron reflectometer at China spallation neutron source	ZHU, Tao
16:10	[191] Polarization Discussion	ANDERSEN, Ken

Wednesday, 16 October 2019

Instruments: Novel Instrumentation III - Meeting Room 3 (10:45 - 13:00)**-Conveners: Thomas Gutberlet**

time	[id] title	presenter
10:45	[181] The CANDOR Polychromatic Beam Reflectometer at NIST	Dr MAJKRZAK, Charles
11:15	[177] Magnetic imaging method using pulsed polarised neutrons	Dr HIROI, Kosuke
11:45	[88] Ferromagnetic Resonance-Polarised Neutron Reflectometry	Dr STENNING, Gavin
12:10	[82] Neutron Imaging at the High Flux Isotope Reactor and Spallation Neutron Source	Dr ZHANG, Yuxuan
12:35	[193] Novel Instruments Discussion	GUTBERLET, Thomas

Thursday, 17 October 2019

Instruments: Optics - Meeting Room 3 (10:30 - 13:00)

-Conveners: Uwe Filges

time	[id] title	presenter
10:30	[196] Focusing guides for first and second target beamlines: a conceptual design perspective	Dr STOICA, Alexandru
11:00	[35] Engineering and Prototyping of ESS Neutron Beam Extraction System	LYNGH, Daniel
11:25	[115] Neutron beam extraction from small moderators: secondary source approach	HUEGLE, Thomas
11:50	[141] Two dimensional focusing of neutron beam under extreme conditions with Adaptive focusing optics	YAMADA, Masako
12:15	[136] Tailoring the phase space volume for instruments at accelerator based neutron sources	ZAKALEK, Paul
12:40	[197] Optics Discussion	FILGES, Uwe

Instruments: Sample Environment - Meeting Room 3 (14:00 - 16:30)

-Conveners: Christof Niedermayer

time	[id] title	presenter
14:00	[201] High Field Magnets for Neutron Scattering	Dr BIRD, Mark
14:30	[176] High pressure neutron scattering in a diamond anvil cell	Dr HABERL, Bianca
15:00	[45] Sample Environment for Soft Matter at ISIS	Mr CHURCH, Andy
15:20	[28] Microscopic samples and high precision: challenges and solutions at the ESS	GUTHRIE, malcolm
15:40	[19] Sample environment at the CSNS	Mr HU, Haitao
16:00	[202] Sample Environment Discussion	Dr NIEDERMAYER, Christof